

## **ABSTRACT**

An improved smoke evacuation system and method for removing gaseous byproducts of surgical procedures and noxious vapors from chemicals is provided. The smoke and vapor evacuation system includes a vacuum head positionable at a surgical site or incorporated into a workstation. The vacuum head includes a plenum, and a plenum support for preventing the plenum from collapsing when a vacuum or low pressure is established therein, and is adapted to facilitate the use of the system in a variety of surgical or commercial procedures at a variety of surgical sites or commercial workstations.